

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S68	623	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same vacuum and sinter\$3 and (density or densify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:09
S69	328	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same vacuum and sinter\$3 same (density or densify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:10
S70	285	S69 and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:12
S71	15	("2828225"   "3533738"   "4418024"   "4418025"   "4427785"   "4600481"   "4657876"   "4725567"   "4737476"   "4774068"   "5009822"   "5021367"   "5135691").PN. OR ("5478785").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/26 13:16
S72	1085	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter \$3 same (density or densify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:22
S73	967	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter \$3 same (density or densify\$3) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:22
S74	149	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter \$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:22
S75	111	S74 and vacuum\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:23
S76	35	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same vacuum\$3 and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:35

S77	149	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (infiltrant or infiltrat\$3) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:51
S78	70	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (infiltrant or infiltrat\$3) same (glass or silica) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:19
S79	45	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) same (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) same (glass or silica) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:20
S80	2	"5910273".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:21
S81	2	"5250352".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:27
S82	96	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) same (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) same (hydroly\$5 or silica or precursor) and sinter\$3 same (density or densify\$3) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:34
S83	8	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:53
S84	55	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) with (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) with (silica or sol gel or sol or precursor or hydroly\$5 or silicate) and sinter\$3 same (density or densify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:57
S85	3069	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) same (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.2O <sub>3</sub> .sub.3") and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:32

S86	301	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) same (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") same composite and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:32
S87	7	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) same (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") with infiltrate\$5 and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:32
S88	25	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") with infiltrate\$5 and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:34
S89	25	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") with infiltrate\$5 and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:34
S90	379	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") with infiltrate\$5 and (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:39
S91	121	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") with infiltrate\$5 same2 (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:39
S92	22	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") with infiltrate\$5 with (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:53
S93	103	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (alumina or aluminum oxide or Al <sub>2</sub> O <sub>3</sub> or "Al <sub>2</sub> O <sub>3</sub> .sub.3") with infiltrate\$5 and infiltrate\$5 with (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 16:17
S94	23	(zirconium oxide or zirconia or "ZrO <sub>2</sub> " or ZrO <sub>2</sub> ) and (silica or SiO <sub>2</sub> or "SiO <sub>2</sub> .sub.2" or silicate) with infiltrate\$5 and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 16:40

S95	55	("zirconium oxide" or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) with (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) with (silica or sol gel or sol or precursor or hydroly\$5 or silicate) and sinter\$3 same (density or densify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 17:02
S96	28	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) and (silica or SiO <sub>2</sub> or "SiO. <sub>sub.2</sub> " or silicate) with infiltrat\$5 and (organic binder or cellulose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:03
S97	33	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) and (silica or SiO <sub>2</sub> or "SiO. <sub>sub.2</sub> " or silicate) with infiltrat\$5 and (binder and (organic or cellulose))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:05
S98	3312	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) and (binder and (organic or cellulose))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:05
S99	205	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) and (binder and (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:05
S100	26	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) same (binder and (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:06
S101	127	(zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) same (binder and (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:07
S102	89	(zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) same (binder with (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:09
S103	883	(zirconium oxide or zirconia or "ZrO. <sub>sub.2</sub> " or ZrO <sub>2</sub> ) and (binder with (organic or cellulose)) and sinter\$4 and (pyrolyz\$4 or pyrolys\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:16

S104	137	(zirconium oxide or zirconia or "ZrO. <sub>2</sub> " or ZrO <sub>2</sub> ) and (binder with (organic or cellulose)) and sinter\$4 and (pyrolyz\$4 or pyrolys\$4) and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:16
S105	1026544	(dental or tooth or denture or teeth or crown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:17
S106	20	S104 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:17
S107	66	(zirconium oxide or zirconia or "ZrO. <sub>2</sub> " or ZrO <sub>2</sub> ) and (binder with (organic or cellulose)) and sinter\$4 and debind\$3 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:20
S108	2104	("zirconium oxide" or zirconia or "ZrO. <sub>2</sub> " or ZrO <sub>2</sub> ) and (cerium nitrate or "CeN. <sub>3</sub> O. <sub>9</sub> ")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:07
S109	126	("zirconium oxide" or zirconia or "ZrO. <sub>2</sub> " or ZrO <sub>2</sub> ) and (cerium nitrate or "CeN. <sub>3</sub> O. <sub>9</sub> ") and (TEOS or tetrathethylorthosilicate or tetraethyl orthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:08
S110	23	("zirconium oxide" or zirconia or "ZrO. <sub>2</sub> " or ZrO <sub>2</sub> ) and (cerium nitrate or "CeN. <sub>3</sub> O. <sub>9</sub> ") and (TEOS or tetrathethylorthosilicate or tetraethyl orthosilicate) and (aluminum nitrate or "Al(NO. <sub>3</sub> ) <sub>3</sub> ")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:09
S111	1	(cerium nitrate or "CeN. <sub>3</sub> O. <sub>9</sub> ") same (TEOS or tetrathethylorthosilicate or tetraethyl orthosilicate) same (aluminum nitrate or "Al(NO. <sub>3</sub> ) <sub>3</sub> ") same infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:10
S112	16	(cerium nitrate or "CeN. <sub>3</sub> O. <sub>9</sub> ") same infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:10
S113	134	(cerium nitrate or "CeN. <sub>3</sub> O. <sub>9</sub> ") with (sol or TEOS or tetrathethyl orthosilicate or tetrathethylorthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:16
S114	21	(cerium nitrate or "CeN. <sub>3</sub> O. <sub>9</sub> ") with (TEOS or tetrathethyl orthosilicate or tetrathethylorthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:17

S115	146	(cerium or cerium nitrate or "CeN. sub.3O.sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:18
S116	7	(cerium or cerium nitrate or "CeN. sub.3O.sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate) and (cerium or cerium nitrate or "CeN. sub.3O.sub.9") with cataly\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:18
S117	2	"5925330".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 20:12
S118	25466	"516".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:22
S119	260	S118 and (sol or silica or TEOS or silicate) and cerium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:23
S120	17	S118 and (sol or silica or TEOS or silicate) and cerium nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:23
S121	15	S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or silica or TEOS or silicate) and cerium nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:24
S122	0	S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:26
S123	19	S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:26
S124	184	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:28
S125	31	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium nitrate and aluminum nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:31

S126	2	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium nitrate same (condensation or hydrolysis or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:37
S127	38	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium with (condensation or hydrolysis or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:38
S128	2	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium with (condensation rate or condenstation time or rate of condensation or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:39
S129	7	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium same (condensation rate or condenstation time or rate of condensation or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:41
S130	184	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) and cerium nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 12:29
S131	0	S118 and S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 12:29
S132	27	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) same cerium nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 12:30

S133	9	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS ) same cerium nitrate and aluminum nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 13:07
S134	83	mullite same infiltrate\$7 same (zirconia or "zro.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:07
S135	23	mullite with infiltrate\$7 same (zirconia or "zro.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:11
S136	58	mullite with infiltrate\$7 and (zirconia or "zro.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:15
S137	35	mullite with infiltrate\$7 and (zirconia or "zro.sub.2") not S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:15
S138	130	mullite same infiltrate\$7 and (zirconia or "zro.sub.2") not S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:20
S139	95	mullite same infiltrate\$7 and (zirconia or "zro.sub.2") not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:20
S140	39	mullite same infiltrate\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:20
S141	321	("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3").sub.3") same infiltrate\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S142	193	("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3").sub.3") with infiltrate\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S143	201	("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3").sub.3") with infiltrate\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S144	58	("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3").sub.3") with infiltrate\$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29

S145	176	("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3").sub.3") with infiltrat\$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3 or preform or body)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S146	3	(aluminum nitrate or Al("NO. sub.3").sub.3") with infiltrat\$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3 or preform or body)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:30
S147	0	(aluminum nitrate or Al("NO. sub.3").sub.3") with infiltrat\$7 with (ethanol or methanol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:31
S150	255	(aluminum nitrate or Al("NO. sub.3").sub.3") with (ethanol or methanol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:31
S151	4	(aluminum nitrate or Al("NO. sub.3").sub.3") with (ethanol or methanol) and infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:32
S153	41	(aluminum nitrate or Al("NO. sub.3").sub.3") with (ethanol or methanol or alcohol or water) and infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:34
S154	6	(aluminum nitrate or Al("NO. sub.3").sub.3") with (ethanol or methanol or alcohol) and infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:40
S155	23	(aluminum nitrate or Al("NO. sub.3").sub.3") same infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:41
S156	0	(aluminum nitrate or Al("NO. sub.3").sub.3") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS of sol) and infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:43
S157	0	(aluminum nitrate or "Al(NO. sub.3).sub.3") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS of sol) and infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:44
S158	11	(aluminum nitrate or "Al(NO. sub.3).sub.3") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS of sol) and infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:44

S159	31	(aluminum nitrate or "Al(NO <sub>3</sub> ) <sub>3</sub> ") same (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS or sol) and infiltrat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:46
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